

Converting Colors

XYZ(54.6434, 57.8461, 68.6070)

Have a look what the booklet for
XYZ(54.6434, 57.8461, 68.6070)
contains.

XYZ(54.6434, 57.8461, 68.6070)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(54.6434, 57.8461,
68.6070)**

Conversions

Conversions Part 1

Format	Color
Hex	C2C9D1
RGB	194, 201, 209
RGB Percent	76%, 79%, 82%
CMY	0.2392, 0.2117, 0.1804
CMYK	0.07, 0.04, 0.00, 0.18
HSL	212°, 14%, 79%
HSV	212°, 7%, 82%
XYZ	54.6434, 57.8461, 68.6070
YIQ	199.8190, -6.7400, 1.0040

Conversions

Conversions Part 2

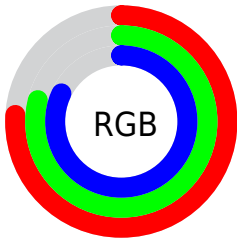
Format	Color
RYB	194, 199, 209
Decimal	12765649
CIELab	80.65, -0.85, -4.82
CIELCh	81, 4.893, 259.944
Yxy	57.8461, 0.3017, 0.3194
Android (android.graphics.Color)	4290955729 (0xFFC2C9D1)
YUV	199.8190, 4.5262, -5.1033
Hunter-Lab	76.0566, -4.8545, -0.2430

Details

The XYZ color **54.6434, 57.8461, 68.6070** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.1528, 59.6909, 59.5491**, and the grayscale version is **54.7658, 57.6179, 62.7458**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **27.1653, 28.8094, 35.1394** is the 20% darker color. If you saturate the color by 10%, you get **47.1485, 50.2667, 67.5399**, and if you desaturate by 10%, it is **63.0845, 66.1962, 69.7747**.

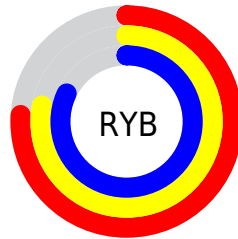
Distribution



Red (76%)

Green (79%)

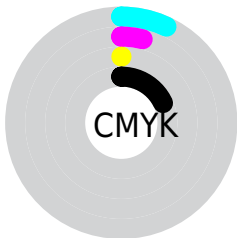
Blue (82%)



Red (76%)

Yellow (78%)

Blue (82%)

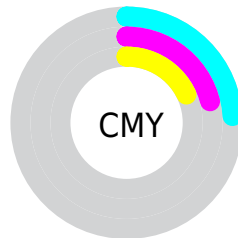


Cyan (7%)

Magenta (4%)

Yellow (0%)

Black (18%)



Cyan (24%)

Magenta (21%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.6434, 57.8461, 68.6070 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 54.6434, 57.8461, 68.6070 by changing the saturation by 10% instead.

■ 54.6434, 57.8461,
68.6070

■ 54.6434, 57.8461,
68.6070

394.7172,
416.6122, 474.3000

■ 39.3490, 41.6849,
49.9219

■ 96.1697, 101.6987,
118.8825

■ 27.2133, 28.8547,
34.9806

123.1322,
130.1589, 151.3100

■ 17.8709, 18.9709,
23.3645

154.7149,
163.4877, 189.1554

■ 10.9565, 11.6493,
14.6551

191.2830,
202.0692, 232.8373

■ 6.1046, 6.5053,
8.4337

233.2020,
246.2881, 282.7741

■ 2.9501, 3.1547,
4.2820

280.8371,

■ 1.1274, 1.2130,

296.5286, 339.3845

1.7813

334.5537,
353.1752, 403.0870

■ 0.0479, 0.0723,
0.4156

■ 0.0000, 0.0000,
0.0000

■ 54.6434, 57.8461,
68.6070

■ 54.6434, 57.8461,
68.6070

■ 47.1485, 50.2667,
67.5399

■ 63.0845, 66.1962,
69.7747

■ 40.5595, 43.4265,
66.5669

■ 72.5001, 75.3325,
71.0420

■ 34.8404, 37.3026,
65.6863

■ 82.2946, 84.9551,
72.3831

■ 29.9509, 31.8677,
64.8950

■ 85.5750, 91.5160,
73.4766

■ 25.8472, 27.0929,
64.1896

■ 88.5088, 97.3835,
74.4545

■ 22.4808, 22.9462,
63.5667

■ 19.7977, 19.3928,
63.0222

■ 17.7350, 16.3928,
62.5519

■ 16.2096, 13.8956,
62.1503

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



53.7437, 57.8461, 67.3274



54.6434, 57.8461, 68.6070



55.6444, 57.8461, 68.3453

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



54.6434, 57.8461, 68.6070



56.8223, 57.8461, 61.1110



53.5115, 57.8461, 59.4811

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



54.6434, 57.8461, 68.6070



57.1528, 59.6909, 59.5491

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



54.3228, 57.8461, 57.9117



54.6434, 57.8461, 68.6070



56.2371, 57.8461, 58.8326

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



54.6434, 57.8461, 68.6070



56.9106, 57.8461, 63.9583



55.3200, 57.8461, 57.6780



53.0954, 57.8461, 62.0207

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54.6434, 57.8461, 68.6070



56.2342, 57.8461, 67.3347



55.3200, 57.8461, 57.6780



53.7465, 57.8461, 58.8259

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



54.6451, 57.8485, 68.6083



92.3373, 97.3230, 108.5263



55.6806, 61.3236, 64.6249



19.7924, 20.8593, 23.2330



0.0000, 0.0000, 0.0000



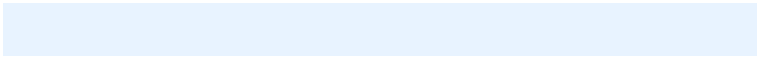
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



54.6451, 57.8485, 68.6083



83.3252, 88.3448, 107.2683



53.1137, 54.6904, 68.0794



11.6122, 12.3146, 15.0086



9.8614, 8.3694, 38.2882



0.6305, 0.6261, 2.1672

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



56.1302, 56.3571, 63.1809



86.2529, 85.4583, 96.5571



58.7628, 63.0158, 60.1060



12.0351, 11.8988, 13.4608



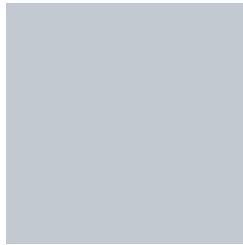
17.6083, 8.9162, 8.1095



1.0245, 0.5145, 0.6636

Previews

White Background



This preview shows how the XYZ color 54.6434, 57.8461, 68.6070 looks on a white background.

Color Contrast Check

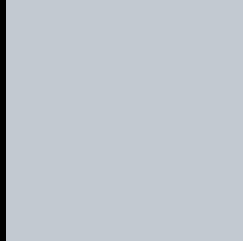
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 54.6434, 57.8461, 68.6070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

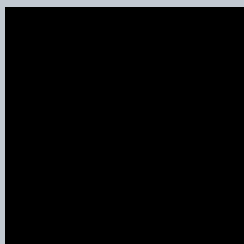
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

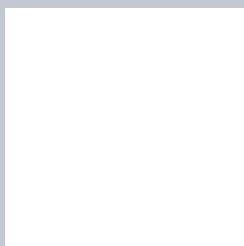
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.6434, 57.8461, 68.6070

Background



This preview shows how black text looks on a background with the XYZ color 54.6434, 57.8461, 68.6070.

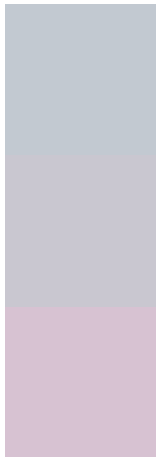


This preview shows how white text looks on a background with the XYZ color 54.6434, 57.8461,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

54.6434, 57.8461, 68.6070

Protanopia

55.8960, 57.8184, 67.8885

Deuteranopia

58.9490, 57.6838, 68.9999



Tritanopia

55.5546, 57.8685, 73.2074

Trichromacy



Original Color

54.6434, 57.8461, 68.6070

Protanomaly

55.3281, 57.8684, 67.9281

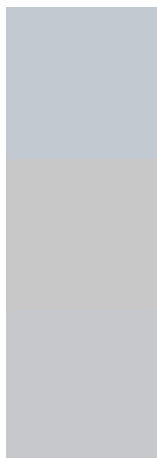
Deuteranomaly

57.3312, 57.8510, 69.1175

Tritanomaly

55.1702, 57.7148, 71.1831

Monochromacy



Original Color

54.6434, 57.8461, 68.6070

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.7225, 57.6261, 64.7387

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6434, 57.8461, 68.6070 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(194, 201, 209)` looks like.

```
.text, #text, p{  
    color:rgb(194, 201, 209)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(194, 201, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 201, 209) }
```

Border

The CSS property to change the border of an element to XYZ 54.6434, 57.8461, 68.6070 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(194, 201, 209) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(194, 201, 209) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(194, 201, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 201, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 201, 209);  
box-shadow:4px 4px 4px 4px rgb(194, 201,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6434, 57.8461, 68.6070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 201, 209) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(194,  
201, 209) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor